

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/065,082ADATE: 02/29/2000
TIME: 10:40:03

INPUT SET: S34859.raw

<p>This Raw Listing contains the General Information Section and up to the first 5 pages.</p>

SEQUENCE LISTING

1
2
3 (1) General Information
4 (i) APPLICANT: Rakoczy et al.
5 (ii) TITLE OF THE INVENTION: HYALURONIC ACID AS DNA CARRIER FOR
6 GENE THERAPY AND VEGF ANTISENSE DNA
7 TO TREAT ABNORMAL RETINAL VASCULARIZATION
8 (iii) NUMBER OF SEQUENCES: 11
9 (iv) CORRESPONDENCE ADDRESS:
10 (A) ADDRESSEE: ARTER & HADDEN
11 (B) STREET: 725 South Figueroa St, # 2400
12 (C) CITY: Los Angeles
13 (D) STATE: CA
14 (E) COUNTRY: USA
15 (F) ZIP: 90071
16 (v) COMPUTER READABLE FORM:
17 (A) MEDIUM TYPE: Diskette
18 (B) COMPUTER: IBM Compatible
19 (C) OPERATING SYSTEM: DOS
20 (D) SOFTWARE: FastSEQ for Windows Version 2.0
21 (vi) CURRENT APPLICATION DATA:
22 (A) APPLICATION NUMBER: USSN 09/065,082
23 (B) FILING DATE: 23-APR-1999
24 (C) CLASSIFICATION:
25 (vii) PRIOR APPLICATION DATA:
26 (A) APPLICATION NUMBER: PCT AU96/00664
27 (B) FILING DATE: 22-OCT-1996
28 (viii) ATTORNEY/AGENT INFORMATION:
29 (A) NAME: Amzel, Viviana
30 (B) REGISTRATION NUMBER: 30,930
31 (C) REFERENCE/DOCKET NUMBER: EPI-109
32 (ix) TELECOMMUNICATION INFORMATION:
33 (A) TELEPHONE: 213-430-3520
34 (B) TELEFAX: 213-617-9255
35 (C) TELEX:
36
37 (2) INFORMATION FOR SEQ ID NO:1:
38 (i) SEQUENCE CHARACTERISTICS:
39 (A) LENGTH: 19 base pairs
40 (B) TYPE: nucleic acid
41 (C) STRANDEDNESS: single
42 (D) TOPOLOGY: linear
43 (ii) MOLECULE TYPE: cDNA
44 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
45 AGGAGAGCAG AAGTCCCAT
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47
48 (2) INFORMATION FOR SEQ ID NO:2:
49 (i) SEQUENCE CHARACTERISTICS:
50 (A) LENGTH: 19 base pairs
51 (B) TYPE: nucleic acid
52 (C) STRANDEDNESS: single
53 (D) TOPOLOGY: linear
54 (ii) MOLECULE TYPE: cDNA
55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
56 CGTCAGAGAG CAACATCAC 19
57
58 (2) INFORMATION FOR SEQ ID NO:3:
59 (i) SEQUENCE CHARACTERISTICS:
60 (A) LENGTH: 77 base pairs
61 (B) TYPE: nucleic acid
62 (C) STRANDEDNESS: single
63 (D) TOPOLOGY: linear
64 (ii) MOLECULE TYPE: cDNA
65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
66 CCAGACTCCA CAGTGCATAC GTGGGCTCCA ACAGGTCCTC TTCCCTCCCA 50
67 GTCAC TGACT AACCCCGGAA CCACACA 77
68
69 (2) INFORMATION FOR SEQ ID NO:4:
70 (i) SEQUENCE CHARACTERISTICS:
71 (A) LENGTH: 130 base pairs
72 (B) TYPE: nucleic acid
73 (C) STRANDEDNESS: single
74 (D) TOPOLOGY: linear
75 (ii) MOLECULE TYPE: cDNA
76 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
77 CCTGTCCCCG CCCCCCGGGC GGGCCGGGGG CGGGGTCCCG GCGGGGCGGA 50
78 GCCATGCGCC CCCCCCTTT TTTTTTTAAA AGTCGGCTGG TAGCGGGGAG 100
79 GATCGCGGAG GCTTGGGGCA GCCGGGTAGC 130
80
81 (2) INFORMATION FOR SEQ ID NO:5:
82 (i) SEQUENCE CHARACTERISTICS:
83 (A) LENGTH: 60 base pairs
84 (B) TYPE: nucleic acid
85 (C) STRANDEDNESS: single
86 (D) TOPOLOGY: linear
87 (ii) MOLECULE TYPE: cDNA
88 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
89 CTGACGGAGA GACAGACAGA CACCGCCCC AGCCCCAGCT ACCACCTCCT 50
90 CCCCCGCCCG 60
91
92 (2) INFORMATION FOR SEQ ID NO:6:
93 (i) SEQUENCE CHARACTERISTICS:
94 (A) LENGTH: 69 base pairs
95 (B) TYPE: nucleic acid
96 (C) STRANDEDNESS: single
97 (D) TOPOLOGY: linear
98 (ii) MOLECULE TYPE: cDNA
99 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

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100 TGC GCAGACA GTGC TCCAGC CGCG CGCGCT CCCCAGGCC TGGCCCGGGC 50
101 CTCGGGCCGG GGAGGAAGA 69
102
103 (2) INFORMATION FOR SEQ ID NO:7:
104 (i) SEQUENCE CHARACTERISTICS:
105 (A) LENGTH: 89 base pairs
106 (B) TYPE: nucleic acid
107 (C) STRANDEDNESS: single
108 (D) TOPOLOGY: linear
109 (ii) MOLECULE TYPE: cDNA
110 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
111 AAAGTGTTTT ATATACGGTA CTTATTTAAT ATCCCTTTTT AATTAGAAAT 50
112 TAAAACAGTT AATTTAATTA AAGATAGGGT TTTTTTTC 89
113
114 (2) INFORMATION FOR SEQ ID NO:8:
115 (i) SEQUENCE CHARACTERISTICS:
116 (A) LENGTH: 62 base pairs
117 (B) TYPE: nucleic acid
118 (C) STRANDEDNESS: single
119 (D) TOPOLOGY: linear
120 (ii) MOLECULE TYPE: cDNA
121 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
122 TTTTTTAATT TTAATATTTG TTATCATTTA TTTATTGGTG CTACTGTTTA 50
123 TCCGTAATAA TT 62
124
125 (2) INFORMATION FOR SEQ ID NO:9:
126 (i) SEQUENCE CHARACTERISTICS:
127 (A) LENGTH: 72 base pairs
128 (B) TYPE: nucleic acid
129 (C) STRANDEDNESS: single
130 (D) TOPOLOGY: linear
131 (ii) MOLECULE TYPE: cDNA
132 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
133 ATACATTTAT ATATATATAT ATTATATATA TATAAAAATA AATATCTCTA 50
134 TTTTATATAT ATAAAATATA TA 72
135
136 (2) INFORMATION FOR SEQ ID NO:10:
137 (i) SEQUENCE CHARACTERISTICS:
138 (A) LENGTH: 89 base pairs
139 (B) TYPE: nucleic acid
140 (C) STRANDEDNESS: single
141 (D) TOPOLOGY: linear
142 (ii) MOLECULE TYPE: cDNA
143 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
144 AAAGTGTTTT ATATACGGTA CTTATTTAAT ATCCCTTTTT AATTAGAAAT 50
145 TAAAACAGTT AATTTAATTA AAGATAGGGT TTTTTTTC 89
146
147 (2) INFORMATION FOR SEQ ID NO:11:
148 (i) SEQUENCE CHARACTERISTICS:
149 (A) LENGTH: 61 base pairs
150 (B) TYPE: nucleic acid
151 (C) STRANDEDNESS: single
152 (D) TOPOLOGY: linear

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153 (ii) MOLECULE TYPE: cDNA
154 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
155 TCTTAAAAAA AAAAAAGCAT TTTGTATTAA AGAATTTAAT TCTGATCTCA 50
156 AAGCTCCTCT T 61
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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/065,082A

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Line	Error	Original Text
22	Wrong application Serial Number	(A) APPLICATION NUMBER: USSN 09/065,082